

CLAIMS

What is claimed is:

- 5 1. A calibration method used in an image-capture apparatus, said method comprising:

 providing a calibration chart not built in said image-capture apparatus;

- capturing a plurality of information of said calibration chart by
10 said image-capture apparatus; and

 subjecting said information of said calibration chart to a correction means whereby corrects aberrance of said information.

2. The method according to claim 1 further comprising:

- 15 assigning a plurality of corresponding calibration values to said information with a host computer; and

 storing said corresponding calibration values for utilization of said image-capture apparatus.

- 20 3. The method according to claim 1, wherein said image-capture apparatus comprises a plurality of sensor elements aligned in a direction.

4. The method according to claim 3, wherein said calibration
25 chart comprises a portion of a plurality of pixels aligned in said direction and another portion of said pixels aligned orthogonal to said direction.

5. The method according to claim 4, wherein all said pixels are with a homogenous hue.

5 6. The method according to claim 4, wherein all said pixels are with different hues, whereby are outputted combined with an object article.

7. The method according to claim 1, wherein said correction
10 means comprises a low-pass filter.

8. A calibration method of improving an output performance of an article captured by a scanner, said method comprising:

providing a calibration chart wherein consists of a portion of a
15 plurality of pixels aligned in a direction and another portion of said pixels aligned orthogonal to said direction;

scanning said calibration chart for capturing a plurality of information of all said pixels; and

subjecting said information of all said pixels to a correction
20 means whereby corrects aberration of partial said pixels.

9. The method according to claim 8, wherein said calibration chart comprises being not built in said scanner.

25 10. The method according to claim 8, wherein all said pixels are with a homogenous hue.

11. The method according to claim 8, wherein all said pixels are with different hues, whereby are outputted combined with said article.

5 12. The method according to claim 8, wherein said correction means comprises a low-pass filter.

13. The method according to claim 8, wherein said scanning step comprises scanning said calibration chart with a linear sensor array of
10 said scanner wherein consists of a plurality of sensor elements aligned in said direction.

14. A method of capturing calibration information used in a scanner, said method comprising:

15 providing a calibration chart consisting of a plurality of pixels arranged in a two-dimensional array; and

 scanning all said pixels with a linear sensor array in said scanner, said linear sensor array consisting of sensor elements aligned in a direction and moving orthogonal to said direction for building said
20 calibration information of said calibration chart.

15. The method according to claim 14 further comprising
subjecting said calibration information to a low-pass filter whereby
corrects aberration of partial said pixels.

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16. The method according to claim 14 further comprising

assigning a plurality of calibration values to said calibration information with a computer connected with said scanner.

17. The method according to claim 14, wherein all said pixels
5 comprise being with a homogenous hue.

18. The method according to claim 14, wherein all said pixels comprise being with different hues, whereby are outputted combined with a scanned article.

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